

Title (en)

Heavy-duty tire with damping portion between bead core and rim

Title (de)

Schwerlastreifen mit Dämpfungseinheit zwischen Wulstkern und Felge

Title (fr)

Pneu pour poids lourds avec un element amortissant entre le bourrelet et la jante

Publication

EP 1262338 A1 20021204 (EN)

Application

EP 02012102 A 20020531

Priority

IT TO20010520 A 20010531

Abstract (en)

A heavy-duty tire, wherein each bead portion (2) is defined by a metal bead bundle (3), about which are turned up a body ply (8), a reinforcing strip (9), and an outer cover layer (10) defined by an innerliner (11), an abrasion gum strip (12) connected to the innerliner (11) by a splice (14) wherein the abrasion gum strip (12) is located beneath the innerliner (11), and a sidewall (13); and wherein, between the reinforcing strip and the outer cover strip (10), there is inserted a damping strip (21) directly contacting the abrasion gum strip (12) and defined by a mix impermeable to air. <IMAGE>

IPC 1-7

B60C 15/06

IPC 8 full level

B60C 1/00 (2006.01); **B60C 15/06** (2006.01)

CPC (source: EP US)

B60C 15/06 (2013.01 - EP US); **B60C 15/0607** (2013.01 - EP US); **Y10T 152/10819** (2015.01 - EP US); **Y10T 152/10828** (2015.01 - EP US); **Y10T 152/10846** (2015.01 - EP US); **Y10T 152/10864** (2015.01 - EP US)

Citation (search report)

- [Y] US 4483382 A 19841120 - KOCH WOLFGANG [LU], et al
- [Y] EP 0317487 A2 19890524 - GOODYEAR TIRE & RUBBER [US]

Cited by

WO2014049516A1; ITMI20121623A1; US10759229B2

Designated contracting state (EPC)

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EP 1262338 A1 20021204; **EP 1262338 B1 20060726**; CN 1393352 A 20030129; DE 60213324 D1 20060907; DE 60213324 T2 20070802; ES 2267899 T3 20070316; IT TO20010520 A0 20010531; IT TO20010520 A1 20021201; JP 2003034110 A 20030204; US 2002179215 A1 20021205; US 6840297 B2 20050111

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